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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known

Application Number	10/715,159
Filing Date	11/17/2003
First Named Inventor	Damian A. Hajduk et al.
Group Art Unit	2857-2858
Examiner Name	A. DEB
Attorney Docket Number	1012-138C1

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code ² (if known)				
AD		1,870,412		Kennedy	08/09/1932	—	—
		3,071,961		Heigl et al.	01/08/1963	—	—
		3,675,475		Weinstein	07/11/1972	—	—
		3,713,328		Aritomi	01/30/1973	—	—
		3,798,960		Glass	03/26/1974	—	—
		3,805,598		Corcoran	04/23/1974	—	—
		3,818,751		Karper et al.	06/25/1974	—	—
		3,849,874		Jeffers	11/26/1974	—	—
		3,895,513		Richardson	07/22/1975	—	—
		3,908,441		Virloget	09/30/1975	—	—
		3,933,032		Tschoegl	01/20/1976	—	—
		4,229,979		Greenwood	10/28/1980	—	—
		4,447,125		Lazay et al.	05/08/1984	—	—
		4,517,830		Gunn, deceased et al.	05/21/1985	—	—
		4,567,774		Manahan et al.	02/04/1986	—	—
		4,570,478		Soong	02/18/1986	—	—
		4,599,219		Cooper et al.	07/08/1986	—	—
		4,602,501		Hirata	07/29/1986	—	—
		4,680,958		Ruelle et al.	07/21/1987	—	—
		4,685,328		Huebner et al.	08/11/1987	—	—

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		Office ³	Number ⁴	Kind Code ² (if known)				
AD			JP402297040A		Akaha Toru	12/07/1990	—	
			WO 00/51720		Symyx Technologies, Inc.	09/08/2000	—	
			WO 00/17413		Symyx Technologies	03/30/2000	—	
			WO 96/11878		Univ. of CA	04/25/1996	—	
			WO 98/15501		Symyx Technologies	04/16/1998	—	
			WO 99/18431		Symyx Technologies	04/15/1999	—	
			EP 0317356A2		Chichibu Cement	05/24/1989	—	

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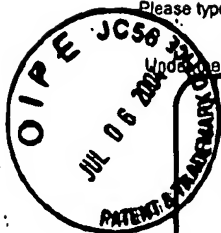
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Sheet 2 of 3

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Application Number	09/938,994
Filing Date	08/24/2001
First Named Inventor	Damian A. Hajduk
Group Art Unit	1754 2 858
Examiner Name	A. D. eb
Attorney Docket Number	1012-138

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			Class	Sub
AD		4,740,078		Daendliker et al.	04/26/1988	—	—
		4,749,854		Martens	06/07/1988	—	—
		4,789,236		Hodor et al.	12/06/1988	—	—
		4,793,174		Yau	12/27/1988	—	—
		4,829,837		Telfer	05/16/1989	—	—
		4,893,500		Fink-Jensen	01/16/1990	—	—
		4,899,575		Chu et al.	02/13/1990	—	—
		4,932,270		Lurie et al.	06/12/1990	—	—
		5,008,081		Blau et al.	04/16/1991	—	—
		5,051,239		von der Goltz	09/24/1991	—	—
		5,115,669		Fuller et al.	05/26/1992	—	—
		5,142,900		Duke	09/01/1992	—	—
		5,193,383		Burnham et al.	03/16/1993	—	—
		5,236,998		Lundeen et al.	08/17/1993	—	—
		5,271,266		Eschbach	12/21/1993	—	—
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		5,303,030		Abraham et al.	04/12/1994	—	—
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		5,452,619		Kawanabe et al.	09/26/1995	—	—

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Application Number	09/938,994
Filing Date	08/24/2001
First Named Inventor	Damian A. Hajduk
Group Art Unit	1754 2858
Examiner Name	A. Seb

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Sheet 3 of 3

Attorney Docket Number 1012-138

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		Number	Kind Code ² (if known)			
AD		5,481,153		Turner	01/02/1996	— —
		5,610,325		Rajagopal et al.	03/11/1997	— —
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		6,050,139		Bousfield et al.	04/18/2000	— —
		6,336,353B1		Matsiev et al.	01-2002	— —
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		5,103,557		Leedy, Glenn J.	04-1992	— —
		4,715,007		Fujita et al.	12-1987	— —
		6,489,776B1		Stowe et al.	12-2002	— —

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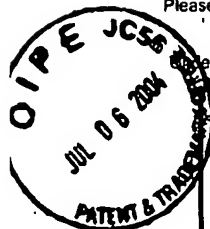
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/715,159
		Filing Date	11/17/2003
		First Named Inventor	Damian A. Hajduk et al.
		Group Art Unit	2857 2858
		Examiner Name	A. JEB
Sheet 1	of 1	Attorney Docket Number	1012-138C1

U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
A		5,817,947		Bergerus	10/06/1998	— —
		5,723,792		Miyazaki	03/03/1998	— —
		5,532,942		Kitamura et al.	07/02/1996	— —
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		4,899,581		Allen et al.	02/13/1990	— —
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
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Examiner Signature	A JEB	Date Considered	8/6/2004
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Sheet 1 of 1

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Application Number	10/715,159
Filing Date	11/17/2003
First Named Inventor	Damian A. Hajduk et al.
Group Art Unit	2857 2858
Examiner Name	A. Dec.
Attorney Docket Number	1012-138C1

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			Man	Sub
AD		5,776,359		Schultz et al.	07/07/1998	—	—
		5,959,297		Weinberg et al.	09/28/1999	—	—
		5,985,356		Schultz et al.	11/16/1999	—	—
		6,004,617		Schultz et al.	12/21/1999	—	—
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		Number	Kind Code ² (if known)			class	sub
AD		6,242,623 B1		Boussie et al.	06/05/2001	—	—
		6,225,487 B1		Guram	05/01/2001	—	—
		6,225,550 B1		Hornbostel et al.	05/01/2001	—	—
		6,248,540 B1		Weinberg et al.	06/19/2001	—	—
		6,260,407 B1		Petro et al.	07/17/2001	—	—
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		6,294,388 B1		Petro	09/25/2001	—	—
		6,296,771 B1		Miroslav	10/02/2001	—	—
		6,092,414		Newman	07/25/2000	—	—
		6,050,138		Lynch et al.	04/18/2000	—	—
		6,040,193		Winkler et al.	03/21/2000	—	—
		6,033,913		Morozov et al.	03/07/2000	—	—
		6,010,616		Lewis et al.	01/04/2000	—	—
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		5,922,967		Motoyama	07/13/1999	—	—
		5,892,157		Syre	04/06/1999	—	—
		5,877,428		Scolton	03/02/1999	—	—
		5,847,283		Finot et al.	12/08/1998	—	—

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

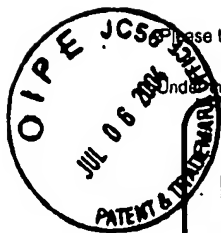
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AD		U.S. Application Serial No. 09/420,334 entitled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 18, 1999	
AD		U.S. Patent Application Serial No. 09/305,830 titled "Synthesizing Combinatorial Libraries of Materials" (Rust, et al.) filed on May 5, 1999	
AD		U.S. Application Serial No. 09/550,549 entitled "Automated Process Control And Data Management System And Methods" (Crevier, et al.) filed on April 14, 2000	
AD		U.S. Application Serial No. 09/755,623 entitled "Laboratory Database System and Methods For Combinatorial Materials Research" (Dorsett, Jr., et al.) filed on January 5, 2001.	
		The family of applications for U.S. Application Serial No. 09/227,558 entitled, "Apparatus and Method of Research for Creating and Testing Novel Catalysts, Reactions and Polymers" (Turner et al.) filed January 8, 1999	
AD		U.S. Application Serial No. 09/235,368 entitled "Polymerization Method From the Combinatorial Synthesis and Analysis of Organometallic Compounds and Catalysts" (Weinberg et al.) filed on January 21, 1999	
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		The family of applications for U.S. Application Serial No. 09/567,598 entitled "Polymer Libraries on a Substrate, Method for Forming Polymer Libraries on a Substrate and Characterization Methods with Same" (Boussie et al.) filed May 10, 2000	
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		ODIAN, Principles of Polymcrization, 3rd Ed., John Wiley & Sons, Inc. (1991)	
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Examiner Signature	ADL	Date Considered	8/6/2004
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/715,159
		Filing Date	11/17/2003
		First Named Inventor	Damian A. Hajduk et al.
		Group Art Unit	2857 2858
		Examiner Name	A. DEB
Sheet 1	of 0	Attorney Docket Number	1012-138C1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AD		"DMA 2980 Dynamic Mechanical Analyzer," http://www.tainst.com/dma2.html , 12/29/00	
AD		"Introducing the NEW DMTA V!", http://www.rheometricsscintific.com/dmtaV.htm , 12/29/00	
AD		"Standard Test Method for Rubber Property-Intrenational Hardness," American Society for Testing and Materials	
AD		AMITAY-SADOVSKY, ELLA and H. Daniel Wagner, "Evaluation of Young's Modulus of Polymers from Knoop Microindentation Tests" Polymer Communications, 1998, vol. 39, no. 11, pp. 2387-2390.	
AD		CALLEJA, F.J. BALTA, "Microhardness Studies of Polymers and Their Transitions" TRIP, December 1994, vol. 2, no. 12, pp. 419-425	
AD		BOWLT, C., "A Simple Capillary Viscometer" Physics Education, March 1975, vol. 10, no. 2, pp. 102-103	
AD		LACOMBE, ROBERT H. and Jeremy Greenblatt, "Mechanical Propoerties of Thin Polyimide Films" pp. 647-668	
AD		SHINOZAKI, D.M. and Y. Lu, "Micro-Indentation Relaxation Measurements in Polymer Thin Films" Journal of Electronic Materials, 1997, vol. 26, no. 7, pp. 852-858	
AD		WIERENGA, P.E. and A.J.J. Franken, "Ultramicroindentation Apparatus for the Mechanical Characterization of Thin Films" J. Appl. Phys., June 15, 1984, 55 (12).	
		European Search Report dated December 10, 2001	

Examiner Signature	ADJ	Date Considered	8/6/2004
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 0

Complete If Known

Application Number	10/715,159
Filing Date	11/17/2003
First Named Inventor	Damian A. Hajduk et al.
Group Art Unit	2857 2858
Examiner Name	A. JEB
Attorney Docket Number	1012-138C1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		YOUNG, W.C., Roark's Formulas for Stress and Strain, 1989	
AD		OSTERBERG, Peter M. and Stephen D. Senturia, "M-TEST: A Test Chip for MEMS Material Property Measurement Using Electrostatically Actuated Test Structures," Journal of Microelectromechanical Systems, Vol. 6, No. 2, June 1997	
AD		KIM, J.O. and B. Lewis Slaten, "Objective Assessment of Fabric Handle in Fabrics Treated With Flame Retardants," Journal of Testing and Evaluation, JTEVA, Vol. 24, No. 4, July 1996, pp. 223-228.	
AD		GROVER, G. et al., "A Screening Technique for Fabric Handle", J. Text. Inst., 1993, 84 No. J. Textile Institute, pp. 486-494.	
AD		PAN, NING and K.C. Yen, "Physical Interpretations of Curves Obtained Through the Fabric Extraction Process for Handle Measurement," Textile Research Journal 62(5), pp. 279-290 (1992).	
AD		"Handle-O-Meter", Thwing-Albert Instrument Company, Philadelphia, PA.	
AD		RAEEL, MASTURA and Jiang Liu, "An Empirical Model for Fabric Hand" Textile Research Journal 62, 1, pp. 31-38 (1991).	
AD		ALI, S.I. and Shahida Begum, "Fabric Softeners and Softness Perception", Ergonomics, v.37, No. 5, pp. 801-806 (1994).	

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Sheet 1 of 0

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Application Number	10/715,159
Filing Date	11/17/2003
First Named Inventor	Damian A. Hajduk et al.
Group Art Unit	2857-2858
Examiner Name	A. DEB
Attorney Docket Number	1012-138C1

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AD		U.S. Patent Application Serial No. 09/939,404 entitled "High Throughput Mechanical Property and Bulge Testing of Material Libraries," (D. Hajduk et al.) filed on August 24, 2001.	
AD		U.S. Patent Application Serial No. 09/939,252 entitled "High Throughput Mechanical Rapid Serial Property Testing of Material Libraries," (P. Mansky) filed on August 24, 2001.	
AD		U.S. Patent Application Serial No. 09/939,139 entitled "High Throughput Fabric Handle Screening," (M. Kossuth et al.) filed on August 24, 2001.	
AD		U.S. Patent Application Serial No. 09/939,149 entitled "High Throughput Rheological Testing of Materials," (P. Mansky et al.) filed on August 24, 2001.	
AD		U.S. Patent Application Serial No. 09/939,263 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using Capacitance," (D. Hajduk et al.) filed on August 24, 2001.	
		The family of applications for U.S. Patent Application Serial No. 09/580,024 entitled "Instrument for High Throughput Measurement of Material Physical Properties and Method of Using Same," (Carlson, et al.) filed on May 26, 2000	
AD		U.S. Application Serial No. 09/801,165 entitled "Method and Apparatus for Characterizing Materials By Using a Mechanical Resonator" filed March 7, 2001	
AD		U.S. Application Serial No. 09/578,997 entitled "High Throughput Viscometer and Method of Using Same" filed May 25, 2000	
AD		PCT Application No. PCT/US01/11417 entitled "Automated Process Control and Data Management System and Methods", filed 4/6/2001	

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